

Appl. No. 10/680,799
Amdt. Date Dec, 28, 2005
Reply to Notice of Allowability



Comments on Statement of Reasons for Allowance

Pursuant to Rule 312, applicant respectfully requests the application be amended as follows:

Amendments to the Claims:

In claim 9, line 3-4, the phrase "of said of said" has been changed to --of said--.

In claim 10, line 3, the phrase "bed section" has been changed to --bed sections--.

In claim 11, line 3, the phrase "said cylindrical flanges" has been changed to --said cylindrical flanges are--.

In claim 12, line 9-10, the phrase "said center sections" has been amended to --said center section--.

In claim 14, line 8, the phrase "said open" has been changed to --said open position--.

In claim 15, line 3, the phrase "as the said longitudinal sections" has been changed to --as said longitudinal sections--.

In claim 16, line 3, the phrase "whereby rotating the said platform" has been amended to be --whereby rotating said platform--.

Also in claim 16, line 6, the phrase "wherein the first outer edge" has been changed to --wherein said first outer edge--.

Also in claim 16, line 7, the phrase "with the said central section" has been amended to --with said central section--.

Remarks

Claim 8, line 7-8, and claim 14, line 10 have been amended by the examiner and are acceptable to the applicant. The additional amendments to the claims illustrated in the preceding section above have been changed by the applicant in order to maintain grammatical consistency indicative of claim writing, and will require little consideration by the examiner. A clean copy of the allowed claims 7-18 have been included in this mailing and respectively, contain the amendments made by both the examiner and the applicant.

Claims: I claim:

[C001] (7 A collapsible trailer adapted to prevent selective disassembly of the device by user, the collapsible trailer comprising:

[C002] a) a pair of longitudinal bed sections having inner and outer edges,

[C003] b) central bed section,

[C004] c) said pair of longitudinal bed sections and said central bed section forming a platform for supporting for supporting objects thereon, wherein each said inner edge of said longitudinal bed sections form a longitudinal pivot axis, and wherein each said longitudinal bed sections and said central bed section are pivotally interconnected by a hinge member co-located with said longitudinal pivot axis; and whereby said platform has an open position and a closed position; (1) wherein when said pair of longitudinal bed sections and said central bed section are in said open position all said sections are substantially co-planar and, (2) wherein when said pair of longitudinal bed sections and said central bed section are in said closed position all said bed sections form a box-like enclosure, said box-like enclosure being generally trapezoidal,

[C005] d) wherein the improvement comprises at least one concurrent combination of (1) a suspension means interconnected to said outer edges, and (2) at least one axle assembly enabling selective movement of said outer edges of said longitudinal bed sections between said open and closed positions; said suspension means further comprising: (1) at least one suspension joint axially aligned and disposed around each said outer edge for enabling vertical rotation of said longitudinal sections; and (2) a leaf spring attached below said outer edges said leaf spring having a top and a base, and (3) a plurality of

spring hangers securing each said top disposed underneath said suspension joint, said leaf spring secured to said axle at said base.

[C006] (8 The collapsible trailer of claim 7, wherein said axle assembly comprises:
(1) said leaf springs, (2) a wheel assembly with a hub, and (3) a set of arm members having extending and expanding capabilities; said arm members each having a proximal end and a first and second end, wherein said arm members are capable of being pivotally interconnected to each other at said proximal ends by a flange, glidingly connecting said first and said second ends upon two predetermined locations of said axle assembly, (1) wherein an aperture is adapted to receive a kingpin after extending through said first end, and (2) wherein said aperture is adapted to receive said kingpin after extending through said second end.

[C007] (9 The collapsible trailer in claim 7, wherein said suspension joint further comprises a tubular member, said tubular member and said outer edge being complimentary configured for enabling sliding telescopic reception of said outer edge and said tubular member into said outer edge and for establishment of a rotatable connection therebetween, wherein said tubular members are constructed and arranged as to permit vertical rotation of said outer edges at said open position of said platform.

[C008] (10 The collapsible trailer of claim 7, wherein said platform is structurally maintained by a plurality of support members welded atop said longitudinal bed sections of predetermined relation, said suspension joint contiguous to said outer edges and said support members.

[C009] (11 The collapsible trailer of claim 7, wherein said longitudinal sections further comprises a distal end wherein a pair of cylindrical flanges ventrally welded to said distal end and wherein said closed position said cylindrical flanges are

bearing against said central bed section.

[C010] (12 A collapsible trailer for obviating detachment of components of the device by a user, the collapsible trailer comprising:

a) a pair of longitudinal bed sections having an inner edge, and first and second outer edge, and an upper surface and lower surface,

b) a central bed section having a frontal end, disposed between said longitudinal bed sections and generally parallel to the ground,

c) at least one axle assembly,

[C011] d) said pair of longitudinal bed sections and said center bed section forming a platform for supporting objects thereon, said pair sections and said center section being pivotally interconnected by at least one hinge located at each said inner edges thereof and extending along said central section and forming a longitudinal pivot axis therebetween,

[C012] e) a first means for coevally actuating (1) said axle assembly, (2) said pair of bed sections, and (3) said central bed section to an open position and a closed position; and,

[C013] a second means for coevally actuating (1) said axle assembly, (2) said pair of longitudinal bed sections and (3) said central bed section to said open and said closed positions; and

[C014] f) wherein one of the said means for coevally actuating (1) said axle assembly, (2) said pair of longitudinal bed sections, and (3) said central bed section is comprised of a set of arm members pivotally connected to said axle assembly to facilitate movement by expanding or compressing

thereby permitting said platform and said axle assembly to said open and and said closed positions.

- [C015](13) The collapsible trailer of claim 12, wherein said axle assembly further comprises a wheel assembly with a hub, at least one leaf spring, and said arm members.
- [C016](14) The collapsible trailer of claim 12, wherein the second means for coevally actuating (1) said axle assembly, (2) said longitudinal sections, and (3) said central bed section to said open and closed positions is comprised of a suspension joint, further comprised of a tubular member, axially aligned and disposed around each said outer edge to rotatably engage said outer edges, said tubular members so positioned wherein said arm members are compressed, said tubular members permit rotation of said center section, which ascends, and said outer edges to said closed position; said open position attained wherein said arm members expand, whereby retaining said hub and said wheel assembly in a perpendicular and parallel plane, said outer edges rotate vertically by means of said tubular members.
- [C017] (15) The trailer of claim 12, said central bed section having a rear flange which engages said longitudinal bed sections as to create a stopping point as said longitudinal sections are rotated vertically as said platform is moved to said open position, thereby retaining said platform in parallel relation when said platform is placed in said open position.
- [C018] (16) The collapsible trailer as described in claim 12, further comprising an axle so modified and constructed as to facilitate movement of said axle assembly by actuating said arm members; whereby rotating said platform wherein said first outer edge is distal from said second outer edge and said upper surfaces are co-planar in said open position; and whereby rotating said platform wherein said first outer edge is closer and parallel to said second outer edge

with said central section disposed therebetween, without the need of disassembly.

[C019] (17 The trailer of claim 12, including a hitch rotatable to a predetermined angle in order to facilitate said platform to said open position.

[C020] (18 The trailer of claim 12, including a front flange mounted to said hitch so proportioned and adapted as to contain at least one set of apertures as to permit manual insertion of pins through said apertures, and ending through an additional aligned set of apertures located upon said frontal end of said central bed section; thereby stabilizing said hitch in an upright position.